

1 Claims:

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3 1. A method of manufacturing a window for an automotive vehicle
4 comprising the steps of:

5 molding a main panel from a transparent synthetic resin, substantially free from
6 optical distortion;

7 separately molding a frame portion from a synthetic resin, including the step of
8 inducing gas assist expansion of the frame portion to form a hollow cavity extending along said
9 frame portion, said frame portion configured to be fit to an outer perimeter of said main panel;

10 and

11 joining said frame portion to said main panel perimeter.

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13 2. The method according to claim 1 wherein in said joining step, said frame
14 portion is melt bonded to said main panel by inserting one of either said main panel or said frame
15 portion in a mold in which the other of said main panel or said frame portion is molded.

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17 3. The method according to claim 1 further including the step of forming an
18 outwardly projecting rib in said frame portion offset from the plane of said main panel.

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20 4. The method according to claim 1 further including the step of molding
21 said frame portion from an opaque material to cause said frame portion to define a masking
22 border extending about the perimeter of said main panel.

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1 5. The method according to claim 1 wherein said frame portion is molded
2 from a synthetic resin of a stiffness greater than the synthetic resin from which said main panel is
3 molded.

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5 6. The method according to claim 1 wherein said main panel is molded from
6 polycarbonate resin.

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8 7. The window made by the method of claim 1.

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10 8. The window made by the method of claim 2.

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12 9. The window made by the method of claim 3.

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14 10. The window made by the method of claim 4.

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16 11. The window made by the method of claim 5.

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18 12. The window made by the method of claim 6.

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